PTO/SB/05 (06-03)
Approved for use through 07/31/2003. OMB 0651-0032
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UTILITY **PATENT APPLICATION TRANSMITTAL**

| Attorney Docket No. | | | 21776-00046-US1 | | | | | |
|---------------------|--------------|------|--|--|--|--|--|--|
| First Inventor Mic | | | hio Endo et al. | | | | | |
| Title | METH MANU | OD A | AND APPARATUS FOR TURING MINUTES METALIC SPHERE | | | | | |

| (Only for new nonprovisional applications under 37 CFR 1.53(b)) | Expres | s Mail Label No. | | | | | | | |
|--|--|--|---|---|--------------------|--|--|--|--|
| APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application con | itents. | MS Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 | | | | | | | |
| 1. X Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original, and a duplicate for fee processing) Applicant claims small entity status. See 37 CFR 1.27. 3. X Specification [Total Pages 92 (preferred arrangement set forth below) - Descriptive title of the invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description - Ctalin(s) - Abstract of the Disclosure | :]ı | 8. Computer I Nucleotide and/ (if applicable, al a. Compute b. Specification i. C C Stateme ACCOM 9. Assignmen 37 CFR 3.7 | or CD-R in duplic Program (Apper for Amino Acid S Il necessary) er Readable For | cate, large table ndix) Sequence Subm mm (CRF) ng on: R (2 copies); or entity of above or PPLICATIONS r sheet & docum | ii. Paper opies | | | | |
| 4. X Drawing(s) (35 U.S.C. 113) [Total Sheets 2] 5. Oath or Declaration [Total Sheets 2] | ⊒' | 11. English Translation Document (if applicable) | | | | | | | |
| a. Newly executed (original or copy) b. X Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 18 completed) i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). 6. Application Data Sheet. See 37 CFR 1.76 18. If a CONTINUING APPLICATION, check appropriate box, a continuation following the title, or in an Application Data Sheet under 37 CFR Continuation X Divisional Continuation. Prior application information: Examiner George P. | and suppl ? 1.76: -in-part (C WySZC | 13. X Preliminary Amendment 14. X Return Receipt Postcard (MPEP 503) (Should be specifically itemized) 15. Certified Copy of Priority Document(s) (if foreign priority is claimed) 16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. 17. Other: 19 of prior application No.: 09/471,181 Obierski Art Unit: 1742 Te of the prior application, from which an oath or declaration is supplied under | | | | | | | |
| The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 19. CORRESPONDENCE ADDRESS | | | | | | | | | |
| χ Customer Number: | 3 | 0678 | OR | Correspond | ence address below | | | | |
| Name | | | | | | | | | |
| Address | | | | | | | | | |
| City Stat | | | <u></u> | Zip Code | | | | | |
| | ephone | 1 | | ax | | | | | |
| Name (Print/Type) Burton A. Amerniak | | Registration No. | (Attorney/Agent | t) 24,852 | 2 | | | | |
| Signature | | Date 8-6-03 | | | | | | | |

PTO/SB/17 (05-03)

Approved for use through 04/30/2003. OMB 0651-0032

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|------------------------------------|--|-----------------------|---|----------------------|--------------------|-------------------------------------|-----------------------------|-----------------------|---|-------------|--|--|--|
| FEE TRANSMITTAL | | | | | | | ation I | Numbe | N 43/ 4 A 1 1 | | | | |
| • | FY 200 | በረ | Γ | Filing Date | | | Concurrently Herewith | Concurrently Herewith | | | | | |
| Eff | Patent fees are subject | | Γ | First Named Inventor | | | tor Michio Endo et al. | Michio Endo et al. | | | | | |
| Lin | | dieni iees are suojeo | I to annual revision. | — [| Examiner Name | | | G. Wyszomierski | G. Wyszomierski | | | | |
| $\bigcap A$ | pplicant c | laims s | mall entity status. | See 37 CFR 1.27 | Ī | Art Unit 1742 | | | 1742 | | | | |
| TOTAL | AMOUN' | T OF F | PAYMENT | (\$) 750.00 | 一 | Attorney Docket No. 21776-00046-US1 | | | | | | | |
| ME | METHOD OF PAYMENT (check all that apply) | | | | | | FEE CALCULATION (continued) | | | | | | |
| Che | ct | Credit | Money | Other None | 3. ADDITIONAL FEES | | | | | | | | |
| | 'لـــا | Card | Order | | • | JJ | J1 17 12 | | | | | | |
| | osit Accou | ınt | | | Large | Entity | Small | Entity | | | | | |
| Account | Number | | | | | Fee Fee Fee Fee Description | | | | | | | |
| | | | | | | (\$) | Code | (\$) | , or occupation | Fee Paid | | | |
| Deposit Account | | | | | | 130 | 2051 | 65 | Surcharge – late filing fee or oath | | | | |
| Name The Direct | L | | orized to: (check all | | 1052 | 50 | 2052 | | Surcharge – late provisional filing fee or cover sheet. | | | | |
| | ge fee(s) inc | • | | dit any overpayments | 1053 | 130 | 1053 | | Non-English specification | | | | |
| Char | | | e(s) during the pender | | | 2,520 | 1812 | | For filing a request for ex parte reexamination | | | | |
| X applic | | | | | 1812 | · | | • | Requesting publication of SIR prior to | | | | |
| Charg | je fee(s) ind | dicated b | celow, except for the | filing fee | 1804 | 920* | 1804 | 320 | Examiner action | | | | |
| to the abov | /e-identifie | d depos | sit account. | | 1805 | 1,840* | 1805 | 1,840* | Requesting publication of SIR after Examiner action | | | | |
| | | FEE C | ALCULATION | | 1251 | 110 | 2251 | | Extension for reply within first month | | | | |
| 1. BASIC FILING FEE | | | | | | 410 | 2252 | 205 | Extension for reply within second month | | | | |
| Large Enti | - | I Entity | | | 1253 | 930 | 2253 | 465 | Extension for reply within third month | | | | |
| Fee Fe Code (\$ | | Fee (\$) | Fee Description | on Fee Paid | 1254 | 1,450 | 2254 | 725 | Extension for reply within fourth month | | | | |
| 1001 75 | · 1 | 375 | Utility filing fee | 750.00 | 1255 | 1,970 | 2255 | 985 | Extension for reply within fifth month | | | | |
| 1002 33 | 0 2002 | 165 | Design filing fee | | 1401 | 320 | 2401 | 160 | Notice of Appeal | | | | |
| 1003 52 | 0 2003 | 260 | Plant filing fee | | 1402 | 320 | 2402 | 160 | Filing a brief in support of an appeal | | | | |
| 1004 75 | 0 2004 | 375 | Reissue filing fee | | 1403 | 280 | 2403 | 140 | Request for oral hearing | | | | |
| 1005 16 | 0 2005 | 80 | Provisional filing fe | эе | 1451 | 1,510 | 1451 | 1,510 | Petition to institute a public use proceeding | | | | |
| | - | eu | PEOTAL (4) | 750.00 | 1452 | 110 | 2452 | 55 | Petition to revive – unavoidable | | | | |
| | | 30 | IBTOTAL (1) (\$ | 750.00 | 1453 | 1,300 | 2453 | 650 | Petition to revive - unintentional | | | | |
| 2. EXTR | A CLAIN | v FEE | S FOR UTILITY | AND REISSUE | 1501 | 1,300 | 2501 | 650 | Utility issue fee (or reissue) | | | | |
| | | | Extra Fee fro | om | 1502 | 470 | 2502 | 235 | Design issue fee | | | | |
| Fotal Claims | s 4 | -20** = | | | 1503 | 630 | 2503 | 315 | Plant issue fee | | | | |
| ndependen | nt 2 | .3** = | 0 x 84.00 | 0.00 | 1460 | 130 | 1460 | | Petitions to the Commissioner | | | | |
| Claims Multiple De _l | لــــــا | , - | | <u></u> | 1807 | 50 | 1807 | | Processing fee under 37 CFR 1.17(g) | | | | |
| | | | L | | 1806 | 180 | 1806 | | Submission of Information Disclosure Stmt | | | | |
| Large Enti Fee Fe | e Fee | Entity Fee | Eee Dos | | | | | | Recording each patent assignment per | | | | |
| Code (\$) |) Code | (\$) | Fee Desi | | 8021 | 40 | 8021 | 40 | property (times number of properties) | | | | |
| 1202 18 1201 84 | | | Claims in excess of : Independent claims | | 1809 | 750 | 2809 | 375 | Filing a submission after final rejection (37 CFR 1.129(a)) | | | | |
| 1203 28 | | | Multiple dependent of | | 1810 | 750 | 2810 | 375 | For each additional invention to be | | | | |
| 1204 84 | i | | ** Reissue independ | | 1801 | 750 | 2801 | 375 | examined (37CFR 1.129(b)) Request for Continued Examination (RCE) | | | | |
| | | | over original pater | ent | 1802 | 900 | 1802 | 900 | Request for expedited examination | | | | |
| 1205 18 | B 2205 | 9 ' | ** Reissue claims in and over original; | | 1 | , | | | of a design application | | | | |
| and over origin | | | | • | Calci | er fee (specify) | | | | | | | |

| SUBMITTED BY Complete (if applicable) | | | | | | | | | |
|---------------------------------------|--------------------------------------|--------|-----------|----------------|--|--|--|--|--|
| Name (Print/Type) Burton A. Amernick | Registration No. (Attorney/Agent) | 24,852 | Telephone | (202) 331-7111 | | | | | |
| Signature Supplies | | | Date | 8-6-03 | | | | | |

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)

0.00

\$UBTOTAL (2) (\$) 0.00
**or number previously paid, if greater, For Reissues, see above